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Department of Agriculture
JAMES M. THORBURN & Co.'s

CATALOGUE OF

Bulbs and Flowering Roots.

AUTUMN, 1893.

August 29, 1893.

MANY of the finest Flowers are produced from Bulbs and Bulbous Roots, and they would be more widely grown were it not for the fact that they must be planted some time before the bloom appears, and cannot, like flowering plants, be sold in a blooming condition, save in the cases of bulbs which have been "forced" into flower in pots, out of their natural time of blooming, and are thereby rendered useless for outdoor planting. All the hardy portion of the class (and the best portion is hardy) must be planted in the autumn, and will bloom in the following spring and summer. It is a common occurrence in the spring to have inquiries and even orders for Hyacinths, Tulips, etc., from friends who have seen the beautiful display of these flowers in parks and private grounds. It is, of course, out of the question to supply them, save in the fall.

A most brilliant and effective display can be had by massing like or contrasting colors in varieties blooming about the same time. We will be pleased to name proper varieties for this purpose when desired.

Directions for culture will be found under the various headings.

Our Bulbs are all selected, from the best growers, and very different from the cheap "case" bulbs offered at very low prices. When parties are unacquainted with the different varieties, we shall be glad to make a suitable selection for any desired purpose. All Bulbs noted as hardy may be planted as late in the fall as the ground can be worked, but October and November are the best months for planting.

Orders for Bulbous Roots can be forwarded to us from August to November, inclusive. Those received before the first of October will be sure of being filled as ordered; after that time the supply of many varieties is frequently exhausted. It is best to order at once on receipt of the catalogue; the Bulbs will be sent in proper time for planting.

Address all orders and remittances to



BERMUDA EASTER LILY.

JAMES M. THORBURN & CO.,

15 John Street, NEW YORK.

JAS. M. THORBURN, }
F. W. BRUGGERHOF. }

HYACINTHS.

Directions for Culture.

FOR PLANTING HYACINTHS IN THE OPEN GROUND, the preferable season is in October and



November, but they can be set out at any later time, as long as the ground is open and the bulbs remain sound. The best compost for their culture is the following: One-third river or sea sand, one-third well-rotted cow manure, and one-third good garden mould; or, where the soil is naturally light, well-rotted cow-manure liberally intermixed is all-sufficient. The beds composed of the above compost should be well dug to a depth of fourteen inches, and raised from two to four inches above the level of the walk. The bulbs should be planted evenly about six inches deep (to the bottom of the bulbs) and from five to six inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly. Care must be taken not to press the earth too firmly around and over the bulbs; some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After planting, rake the bed or border smooth, and after the ground has frozen tolerably hard in early winter, cover with a few inches of dry litter, leaves, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field mice, which may burrow in it.

FOR THE CULTURE OF HYACINTHS IN POTS, prepare the above compost, adding, if possible, a quantity of leaf mould. The most favorable time for planting is September, October and November. The size of the pot depends on the number of bulbs planted in a single one; three or four bulbs in a pot of say six inches in diameter has a rich and massive effect; one or two bulbs in each may be planted in proportionately smaller pots—two bulbs in each are very effective and generally preferred. In potting, each bulb should remain two-thirds above the surface of the soil; when thus planted, water them well, to imbed the bulbs firmly in the soil, allowing them to remain in this condition one or two days; then bury the pots in the open ground to the depth of six inches for six weeks, in which condition the preparatory root-growth necessary to a vigorous development of their flower-scapes is made. After this period, take up the pots and remove them to a room not heated, but not so cold as to freeze. Being exposed to the light for the first time, they are, of course, very delicate. Care should, therefore, be exercised not to place them in the direct rays of the sun for two or three days. When about ready to flower, bring them to the ordinary living-room, where the warmth will soon cause them to bloom. By so bringing them out, a few at a time, you can secure a succession of beautiful flowers all winter. They will need occasional watering until they begin to grow, when they should have an abundance of air in mild weather, and plenty of water.

FOR CULTURE IN GLASSES, the bulbs should be so placed that only the base of each touches the water; then place them, for the first ten days, in a dark but cool closet or room, to promote the starting of the roots, after which expose them to the light and air as much as possible; *avoid placing them near gas-light*. The water should be changed as it becomes impure; draw the roots entirely out of the glasses, rinse off the fibers in clean water, and wash the inside of the glass well. The water should never be allowed to freeze. When the bulbs are well advanced, give them a soft shower of rain-water every day.

Parties unacquainted with the different varieties will do well to leave the selection to us, only specifying in their orders whether the bulbs are wanted for pot, glass or garden culture; we shall take pleasure in sending such varieties as will insure satisfaction.

SELECT NAMED HYACINTHS.

The Single-flowered varieties are mostly more effective than the Double ones, and, as a general rule, the former succeed better than the latter in glasses.

The Double varieties are distinguished by an asterisk (*).

All Single Hyacinths succeed well in water, and those of the Double ones marked thus (**) are also suitable for glasses.

If ordered by mail, please add twenty cents per dozen for postage.

HYACINTH BEDS.

Some designs suitable for Hyacinth Beds will be found on inside back cover. By selecting contrasting colors and arranging them harmoniously, the most exquisitely beautiful effects can be produced. The named varieties, printed in boldface type, are most largely used for bedding. Parties desiring less expensive ones will find our separate colors of Mixed Hyacinths entirely satisfactory; our mixtures are made up of **Extra Selected Bulbs**, and are equal to the named sorts generally sold.

NAMED BLUE HYACINTHS.

	Each	Per doz.		Each	Per doz.
** A la Mode. Light blue	\$0 15		Lord Melville. Dark, white eye	\$0 20	\$2 00
* Albion. Dark blue; large spike .	15	\$1 25	Lord Derby. Light porcelain . .	30	
Argus. Bright blue, white eye .	12	1 25	* Lord Raglan. Dark blue	20	2 00
Baron van Thuyll. Violet blue .	10	1 00	** Lord Wellington. Dark stripes .	10	1 00
Bleu Mourant. Dark blue	10	1 00	Lord Palmerston. Light, white eye	15	1 25
** Blocksberg. Porcelain, striped .	10	1 00	** Madame Marmont. Lavender . .	25	
Blondin. Tinged with purple . .	15	1 25	Marie. Bright blue	10	1 00
* Bride of Lammermoor. Lilac blue	15	1 25	** Mignon de Dryfhout. Light blue	10	1 00
* Charles Dickens, Double. Dark .	10	1 00	Mimosa. Dark	12	1 25
Charles Dickens. Dark porcelain	10	1 00	* Murillo. Light blue	20	2 00
Czar Peter. Splendid light blue .	20	2 00	Orondatus. China blue	20	
* Envoye. Light blue, black center	15	1 25	** Othello. Violet black	12	1 25
* Garrick. Deep lilac blue	15	1 25	Porcelain Sceptre. Sky blue . .	20	2 00
** General Anthink. Light blue . .	10	1 00	Priestly. Light porcelain	15	1 25
General Pelissier. Porcelain . .	15	1 25	** Prince von Saxe Weimar. Dark .	10	1 00
Grand Lilas. Porcelain lilac . . .	20	2 00	Queen of the Blues. Light; extra	40	
Jumbo. Porcelain; large truss . .	15	1 25	Regulus. Large; porcelain blue .	12	1 25
King of the Blues. Dark blue . .	20	2 00	* Rembrandt. Light blue	15	1 25
Lamplighter. White eye	25		** Sir John Franklin. Light	30	
La Peyrouse. Light porcelain . .	12	1 25	Sir John Lawrence. Dark blue . .	20	2 00
** Laurens Koster. Violet blue . .	35		Uncle Tom. Black	10	1 00
Leonidas. Clear blue	12	1 25	William I. Fine purplish black .	12	1 25

NAMED RED, CRIMSON AND PINK HYACINTHS.

	Each	Per doz.		Each	Per doz.
* Acteur. Pink, tinged carmine . .	\$0 10	\$1 00	Lord Macaulay. Carmine stripe	\$0 15	\$1 25
Amy. Bright dark red	10	1 00	** Lord Wellington. Extra large,		
Baron Rothschild.	20	2 00	full double flower	25	2 50
Belle Quirine. Good red	10	1 00	Lord Wellington Single. Flesh .	20	2 00
** Bouquet Tendre. Crimson	10	1 00	Madame Hodson. Pink, carmine		
Cosmos. Dark rose; large spike .	10	1 00	striped	10	1 00
** Czar Nicholas. Pale rose; large	10	1 00	Maria Catherina. Deep crimson .	10	1 00
Dibbitz Sabalkanski. Bright red .	12	1 25	Maria Cornelia. Rose	25	
Duchesse de Richmond.	12	1 25	Maria Theresa. Salmon pink,		
** Eclipse. Deep carmine	25		striped carmine	12	1 25
Eldorado. Deep crimson	12	1 25	Mars. Dark red	15	1 25
Fabiola. Pink, carmine stripe . .	20	2 00	Mrs. Beecher Stowe. Fine light	25	
Fiancee Royale. Bright rose . .	20	2 00	* Neerlands Glorie. Red and		
Fireball. Dwarf; deep red	12	1 25	green	10	1 00
* Frederick the Great. Rose color .	30		Norma. Delicate pink	12	1 25
Garibaldi. Splendid crimson . .	50		** Noble par Merite. Fine red . .	12	1 25
General Pelissier. Carmine . . .	25		** Panorama. Fine marble pink . .	20	2 00
Gertrude. Fine spike; bright pink	12	1 25	** Prince of Orange. Semi-double .	12	1 25
Gigantea. Bright rose	12	1 25	** Princess Royale. Dark center .	15	1 25
** Grootvorst. Peach-blossom . . .	10	1 00	** Regina Victoria. Fine red . . .	12	1 25
Homerus. Very early; dark rose	12	1 25	Robert Steiger. Fine crimson .	10	1 00
L'Amie du Cœur. Bright, rosy red	10	1 00	Solfatara. Fine orange red . . .	20	2 00
La Reine des Jacinthes. Bright			Sultan Favorite. Bright salmon .	15	1 25
crimson	10	1 00	Veronica. Carmine red	12	1 25
** L'Esperance. Fine red	10	1 00	Von Schiller. Large dark truss .	25	

NAMED YELLOW AND ORANGE HYACINTHS.

	Each	Per doz.		Each	Per doz.
Adonia. Orange yellow	\$0 15	\$1 25	**Jaune Supreme. Deep yellow	\$0 25	\$2 50
Alida Jacoba. Bright yellow	18	1 50	King of the Yellows. Extra deep yellow; perfect spike	50	
Bird of Paradise. Dark yellow	60		La Citronière. Splendid yellow	20	2 00
*Bouquet Orange. Reddish orange	20	2 00	La Pluie d'Or. Yellow	10	1 00
Couleur de Jonquilles. Light	15	1 25	*L'Or d'Ophir. Straw color	15	1 25
*Croesus. Orange	20	2 00	*Louis d'Or. Pale yellow, dark center	20	2 00
Duc de Malakoff. Salmon, striped orange	18	1 50	*Minerva. Orange; new	15	1 25
Fleur d'Or. Pale yellow	10	1 00	Obelisque. Large truss	60	
**Goethe. Bright yellow	15	1 25	**Piet Hein. Good yellow	25	
Hermann. Orange yellow	12	1 25	Rhinoceros. Pale orange	20	2 00
Heroine. Fine yellow, tipped with green	15	1 25	*William III. Apricot yellow	20	2 00
Ida. Pure yellow	40		William III., Single. Yellow	25	

NAMED LILAC AND MAUVE HYACINTHS.

	Each			Each
*Charles, Crown Prince of Sweden	\$0 10		Mons. van Vree. Brown violet	\$0 20
Charles Dickens. Violet purple	35		Sir Ed. Landseer. Rich claret	20
Haydn. Lilac-mauve	20		Sir William Mansfield	25
L'Ami du Cœur. Light lilac	10		Thackeray. Violet purple	20
Lord Mayo. Violet, white center	60		Tollens. Purple violet	20
L'Unique. Dark violet	15			

NAMED PURE AND BLUSH-WHITE HYACINTHS.

	Each	Per doz.		Each	Per doz.
Alba Maxima. Pure white	\$0 18	\$1 50	La Vestale. Pure white	\$0 20	
Alba Superbissima. Pure white	12	1 25	**La Virginite. Blush white	10	\$1 00
*A la Mode. Creamy white, pink eye	18	1 50	Lord Grey. Blush white	25	
**Anna Maria. Blush, purple eye	12	1 25	Madame Vanderhoop	12	1 25
Anna Paulowna. Blush white	12	1 25	Mammoth. Pure white	18	1 50
Baroness van Thuyll. Pure white	10	1 00	Mary Stuart. Pure white; fine	20	2 00
Blanchard. Pure white	12	1 25	Mr. Plimsol. Ivory white; extra truss	40	
*Couronne Blanche. Pure white	12	1 25	*Miss Nightingale. Pure white	50	
*Duchesse de Bedford. Pure white	10	1 00	Mont Blanc. Fine; pure white	20	2 00
*Flevo. Pure white	12	1 25	**Ne Plus Ultra. White, violet eye	12	1 25
Grand Vainqueur. Pure white	18	1 50	Paix de l'Europe. Pure white, with pretty drooping bells	12	1 25
Grand Vedette. Pure white	12	1 25	**Prince of Waterloo. Pure white, rosy eye	18	1 50
Grandeur a'Merveille. Blush	10	1 00	Queen Victoria. Pure white	12	1 25
**Jenny Lind. Purple eye	15	1 25	Rousseau. Rosy eye	12	1 25
La Candeur. Pure white	18	1 50	*Sceptre d'Or. Yellow eye	20	2 00
La Grandesse. Pure white; extra	20	2 00	Seraphine. Pale blush	18	1 50
**La Deese. Pure white, with yellow eye	15	1 25	Snowball. True; large, pure white	40	
La Franchise. Fine truss, waxy white	12	1 25	**Triumph Blandina. Blush, with red eye; fine truss	18	1 50
La Pucelle d'Orleans. Pure white	12	1 25	Themistocles. Silvery white	15	1 25
**La Tour d'Auvergne. Pure white	18	1 50	Vesta. Pure white	12	1 25
			Voltaire. Blush	10	1 00

NAMED HYACINTHS, OUR OWN SELECTION.

If ordered by mail, add 20 cents per dozen for postage.

- No. 1. **12 Named Double and Single Hyacinths**, for pots, glasses or open border, \$1.25.
 No. 2. **12 Fine Named Double and Single Hyacinths**, for pots, glasses or open border, \$2.
 No. 3. **12 Extra Fine Double and Single Hyacinths**, for pots, glasses or open border, \$2.50.
 No. 4. **12 Our Very Best Collection of Double and Single Hyacinths**, for pots, glasses or open border, \$3.
 No. 5. **100 Fine Named Double and Single Hyacinths**, in 25 sorts, \$10.

MIXED HYACINTHS.

For open air culture or forcing. In quantities less than one dozen, 10 cents each, except Double Yellow, which are 15 cents.

If ordered by mail, add 15 cents per dozen for postage.

	Per doz.	Per 100		Per doz.	Per 100
Single Dark Blue	\$0 60	\$3 50	Double Dark Blue	\$0 70	\$4 00
" Light Blue	70	4 00	" Light Blue	70	4 00
" Blue. All shades	60	3 50	" Blue. All shades	60	3 50
" Dark Red	60	3 50	" Dark Red	60	3 50
" Red and Rose. All shades . .	60	3 50	" Red and Rose. All shades .	60	3 50
" Red. All shades	60	3 50	" Red. All shades	60	3 50
" Pure White	70	4 00	" Pure White	70	4 00
" Blush White	70	4 00	" Blush White	60	3 50
" White. All shades	70	4 00	" White. All shades	70	4 00
" Yellow. All shades	70	4 00	" Yellow. All shades	80	4 50
" ALL COLORS MIXED	60	3 50	" ALL COLORS MIXED	60	3 50

EARLY ROMAN HYACINTHS.

These are extensively used by florists for forcing, which may be done at a temperature of 60 degrees. The white variety flowers a fortnight to three weeks in advance of the Holland Hyacinths. The flowers are pure white and very fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until filled with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. The blue and rose Roman Hyacinths flower from one to two weeks later than the white variety.

If ordered by mail, add 8 cents per dozen for postage.

	Each	Per doz.	Per 100
Early Pure White Roman	\$0 08	\$0 60	\$3 00
Double Rosy Pink Roman	08	60	3 00
Double Dark Pink Roman	08	60	3 00
Single Blue Roman	06	50	2 50

ITALIAN HYACINTHS.

	Each	Per doz.	Per 100
Single White. For forcing or open ground	\$0 06	\$0 50	\$2 50
Single Canary Yellow	10	75	4 50
Double White Pearl	10	75	4 50

MINIATURE HYACINTHS.

For children's gardens or small pots.

Twelve Named Sorts 10 cents each, \$1 per dozen.



ROMAN HYACINTHS.

TULIPS.

Tulips have been improved until now almost every shade of color is found in them, including the most delicate and brilliant effects.



SINGLE TULIPS.

Most of the varieties named below are equally well adapted either for pot-culture or the flower border. They are readily brought forward for early bloom in the house or conservatory, while, used on the lawn, they group admirably with other varieties of early bulbs, or form beautiful beds when massed in contrasting colors.

Tulips require cultural treatment very similar to Hyacinths, except that the bulbs, being smaller, must not be planted quite so deep. We have noted the average height to which the various varieties grow, to aid in selecting sorts for beds.

EARLY FLOWERING OR BEDDING TULIPS.

Admirably adapted for culture in pots, edgings or beds, flowering immediately after the Duc van Thol varieties.

If ordered by mail, add 6 cents per dozen for postage.

	Height, inches	Each	Per doz.	Per 100
Alida Maria. Cherry and white stripe . . . . .	.6	\$0 08	\$0 60	\$3 00
Artus. Bright scarlet . . . . .	.7	.05	35	1 50
Belle Alliance (Waterloo). Rich crimson . . . . .	.7	.05	40	2 50
Bizard Verdict. Red and yellow . . . . .	.6	.05	35	1 50
Bride of Haarlem. White, bordered with bright crimson . . . . .	.6	.15	1 25	8 00
Brutus. Orange crimson . . . . .	.6	.05	40	2 50
Canary Bird. Rich golden yellow; fine cup . . . . .	.8	.08	60	3 50
Cardinal's Hat. Dark crimson . . . . .	.8	.05	35	1 50
Claremont Golden. Flamed scarlet, streaked with yellow . . . . .	.7	.08	60	4 00
" White . . . . .	.7	.10	75	5 00
" Silver . . . . .	.7	.10	75	5 00
Chrysolora. Splendid; pure yellow . . . . .	.8	.08	60	3 50
Cottage Maid. White and rose edge . . . . .	.6	.10	75	4 50
Couleur Cardinal. Purplish crimson . . . . .	.8	.05	40	2 50
" Ponceau. Rose, crimson border, on white ground . . . . .	.8	.05	35	1 50
Cramoise Pourpre. Carmine purple . . . . .	.7	.05	50	3 00
Crimson King. Crimson . . . . .	.7	.05	35	1 50

EARLY FLOWERING OR BEDDING TULIPS—CONTINUED.

	Height, inches	Each	Per doz.	Per 100
De Vlieger. Rose	7 . . .	\$0 05	\$0 50	\$3 00
Duc de Berlin. Red and yellow; fine	6 . . .	05	50	3 00
Duchesse de Parma. Orange red, yellow border	9 . . .	05	40	2 00
Dusart. (New.) A splendid dark scarlet, extra large-flowered variety; unsurpassed for bedding	7 . . .	08	60	3 50
Eleonore. Purple violet, white border	8 . . .	05	40	2 00
Fabiola (Duke of Russia). Violet and white	7 . . .	08	60	4 00
Globe de Rigaut. White, with broad purple flakes	7 . . .	08	60	3 50
Golden Prince. Bright yellow	7 . . .	08	60	3 50
Grootmeester. Crimson and white	7 . . .	08	60	3 50
Jagt van Delft. Pure white; good cup form	7 . . .	05	40	2 50
Joost van Vondel. Crimson and white	8 . . .	05	50	3 00
Keizerkroon. Yellow, with inner flakes bronze red	9 . . .	08	60	3 50
Lac van Rhyn. Violet, bordered white	6 . . .	05	40	1 50
La Laitiere. Distinct; white and blue	8 . . .	08	60	4 00
La Reine (Queen Victoria). White, with delicate rose border	7 . . .	05	40	2 00
L'Immaculee. Pure white; dwarf	7 . . .	05	50	3 00
Leonardo de Vinci. Dark orange and yellow	8 . . .	08	60	3 50
Ma Plus Aimable. Bronze-red, with rich orange flakes	7 . . .	05	40	2 00
Netscher. Violet	7 . . .	05	40	1 50
Ophir d'Or. (New). Large, deep; pure yellow	6 . . .	20	2 00	
Pax Albo. White; extra fine	6 . . .	08	60	3 50
Potter. Purple	8 . . .	05	40	2 00
Pottebakker Yellow. Bright canary self	8 . . .	08	60	3 50
“ White. White self, good form	8 . . .	08	60	4 00
“ Scarlet. Very effective	8 . . .	05	50	3 00
Princess Mary Ann. White, rose shaded, extra large	7 . . .	10	75	4 50
Proserpine. Extra salmon-pink; very fine form	8 . . .	10	75	4 50
Purple Crown. Dark purple	6 . . .	05	40	2 00
Rachel Ruisch. Rose	7 . . .	05	50	3 00
Rembrandt. Bright scarlet	8 . . .	05	50	3 00
Roi Pepin. Splendid rose, with white markings	7 . . .	20	2 00	10 00
Rosa Mundi. Rose and white	8 . . .	05	50	2 50
Rose Aplat. Soft rose	7 . . .	08	60	3 50
Rose Gris-de-lin. White and dark rose	6 . . .	08	60	3 50
Samson. Fine red	8 . . .	05	50	3 00
Scarlet Perfection. (New). Beautiful soft scarlet; immense flower	8 . . .	20	2 00	
Standard Royale. Red and white	7 . . .	05	40	2 50
Thomas Moore. Buff-orange, shaded; distinct	10 . .	08	60	3 50
Van der Neer. Purplish violet	6 . . .	05	40	2 00
Van Goijen. Rosy white	7 . . .	05	50	3 00
Vermilion Brilliant. Splendid carmine	7 . . .	08	60	4 00
Wapen van Leiden. White, with red spots	8 . . .	05	40	2 50
Wouverman. Dark violet	6 . . .	05	40	2 00
White Eagle. White, slightly shaded rose	8 . . .	20	2 00	
White Swan. White	8 . . .	05	50	3 00

EARLY DWARF DUC VAN THOL TULIPS.

The earliest of all the Tulips, and best adapted for out-door culture; largely used for bedding in masses of contrasting colors.

If ordered by mail, add 6 cents per dozen for postage.

	Height, inches	Each	Per doz.	Per 100
Red. Bordered with yellow	6 . . .	\$0 05	\$0 35	\$1 50
Maximus. Red, yellow edge; fine form	6 . . .	05	50	3 00
Rose. Milky white, shading to beautiful rose	6 . . .	05	50	3 00
Scarlet. Dazzling reddish scarlet	7 . . .	05	35	1 50
Crimson. Bright crimson	7 . . .	05	35	1 50
Orange.	6 . . .	08	60	4 00
Vermilion. Bright vermilion	6 . . .	05	40	1 75
Gold Striped. Glossy red, striped with golden yellow	6 . . .	05	40	2 00
Violet. White edged	6 . . .	05	35	1 50
Yellow. Citron-yellow	6 . . .	10	75	4 50
White. Clear satiny white	6 . . .	05	50	3 00
Double Yellow and Red.	6 . . .	05	30	1 25
“ Scarlet.	6 . . .	08	60	3 50
“ Violet	6 . . .	05	35	1 50



DOUBLE TULIPS.

DOUBLE TULIPS.

The Double Tulips bloom somewhat later than the single varieties, but follow rather closely. They are splendid for bedding, and hold their flowers long in perfection. Some of the sorts are quite dwarf.

If ordered by mail, add 6 cents per dozen for postage.

	Height, inches	Each	Per doz.	Per 100
Agnes. Dark vermillion; quite dwarf	5 . . .	\$0 08	\$0 60	\$4 00
Belle Alliance. White, feathered with violet-crimson	13 . . .	05	50	2 50
Blen Celeste. Violet	14 . . .	05	40	2 00
Bonaparte. Red, yellow striped . . . . .	. . . . .	05	40	2 00
Couronne des Roses. Splendid deep rose	9 . . .	30	3 00	
Cousine. Purplish	7 . . .	05	40	2 00
Duke of York. Bronze crimson, buff margin	8 . . .	05	40	2 00
Gloria Solis. Rich bronze-crimson, with yellow border	8 . . .	05	40	2 00
Gris-de-lin. Pale violet and white	8 . . .	05	40	2 00
Helianthus. Yellow and scarlet	6 . . .	05	50	2 50
Imperator Rubrorum. Rich crimson-scarlet	8 . . .	08	60	4 00
Lady Grandison. Dwarf scarlet	6 . . .	05	40	2 00
La Candeur. Pure white; good outline	6 . . .	05	35	1 50
Le Blason. Blush white, tinted with rose	6 . . .	08	60	3 50
Lord Wellington. Blue . . . . .	. . . . .	05	40	2 00

DOUBLE TULIPS—CONTINUED.

	Height, inches	Each	Per doz.	Per 100
Mariage de Ma Fille. Pure white, striped with rose	9 . .	\$0 10	\$0 80	\$5 00
Murillo. Beautiful rosy white	6 . .	08	75	4 50
Pæony Gold. Clear golden yellow	7 . .	05	40	2 00
Pæony Red. Fine deep red	7 . .	05	40	2 00
Pourpre Blanc Borde. Purple and white	8 . .	05	40	2 00
Princess Alexandria. Brown and yellow border	6 . .	08	75	4 50
Purperkroon. Deep purple	8 . .	05	40	2 00
Raphael. Fine, delicate rose	7 . .	25	2 50	
Reine des Roses. Delicate pink	7 . .	20	2 00	
Rex Rubrorum. Brilliant scarlet; a well-known standard bedding variety of much value	9 . .	05	50	2 50
“ “ Variegated foliage	7 . .	08	60	3 50
Rose Blanche. Extra pure white	6 . .	08	60	4 00
Rosenkroon. Carmine rose	7 . .	05	40	2 00
Rosine. Splendid rose	8 . .	05	50	3 00
Rubra Maxima. Dark scarlet	6 . .	08	75	4 50
Salvator Rosa. White, flamed deep rose	8 . .	30	3 00	
Titian. Red, yellow border	6 . .	05	40	2 00
Tournesol. Scarlet and yellow	8 . .	05	50	2 50
“ Yellow	8 . .	08	60	4 00
Turban Violet. Violet	7 . .	08	60	4 00
Velvet Gem. Large; dark carmine	6 . .	08	60	4 00
Virgilius. Rose	7 . .	05	50	3 00
Yellow Rose. Large; golden yellow	9 . .	05	35	1 50
“ “ Variegated foliage	9 . .	05	40	2 00

LATE FLOWERING OR SHOW TULIPS.

For the garden. This section differs from the preceding ones in being generally taller and later in bloom. They are of fine form and outline, and constitute the florists' varieties grown for competition.

If ordered by mail, add 5 cents per dozen for postage.

	Each	Per doz.
Bizarres. Crimson, violet-purple, etc., on yellow ground. (50 named varieties) . .	\$0 15	\$1 50
Bybloems. Purple, violet and maroon, on white ground. (50 named varieties) . .	15	1 50
Rosy on White. Rose, cherry, pink, etc., on white ground. (50 named varieties) . .	15	1 50

PARROT TULIPS.

For outdoor cultivation. The petals of these have feathered edges, and in addition to other colors combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant color, and form very effective groups for the flower border.

If ordered by mail, add 6 cents per dozen for postage.

	Each	Per doz.	Per 100
Café Brown	\$0 05	\$0 50	\$2 50
Constantinople. Large, blood-colored . .	05	40	2 00
Glorieuse. Yellow and orange	05	40	2 00
Lutea Major. Large yellow	05	35	1 75
Markgrave of Baden. Red and yellow . .	05	35	1 75
Monstre Rouge Major. Large red; fine . .	10	1 00	6 50
Monstre Cramoisie Major. (New.) Deep red; the best of all	10	1 00	6 00
Perfecta. Yellow and red, with green stripes	05	35	1 75



PARROT TULIPS.

MISCELLANEOUS AND BOTANICAL TULIPS.

If ordered by mail, add 5 cents per dozen for postage.

	Each	Per doz.
<i>Tulipa carinata</i> , Red	\$0 10	\$1 00
" <i>Clusiana</i> , Red	12	1 25
" <i>cornuta</i> (Chinese), Scarlet and yellow	10	1 00
" <i>elegans</i> , Crimson	12	1 25
" <i>Florentina odorata</i> , Yellow; violet scented	08	60
" <i>fulgens</i> , Yellow	10	1 00
" <i>Gesneriana</i> , Large; bright crimson, with blue eye	05	40
" <i>Greigii</i> , Light orange; spotted leaves	25	2 50
" <i>maculata</i> , Blotched crimson	10	1 00
" <i>Oculus Solis</i> (Sun's Eye), Vermilion, with black eye	08	75
" <i>Persica</i> , Yellow, sweet scented	05	50
" <i>viridiflora</i> , Green and white	08	75

NAMED DOUBLE, SINGLE AND LATE TULIPS, IN ASSORTMENT.

If ordered by mail, add 40 cents per 100 for postage.

	Per 100
100 Fine Named Early Tulips, in 25 varieties	\$3 50
100 Best Named Double, in 25 varieties	3 50

MIXED TULIPS.

For bedding. Planted in large masses, these make a magnificent show, and being inexpensive, should be largely used.

If ordered by mail, add 6 cents per dozen for postage.

	Each	Per doz.	Per 100	Per 1,000
Fine Mixed, Early Single	\$0 05	\$0 30	\$1 50	\$10 00
" " Late Single	05	30	1 50	9 00
" " Bizarres	05	30	1 50	10 00
" " Bybloems	05	35	1 75	13 00
" " Rosy on White	05	40	2 00	14 00
" " Parrot	05	30	1 50	11 00
" " Early Double	05	30	1 50	10 00
" " Late Double	05	30	1 50	10 00
" " Breeders, or Mother Tulips	05	40	2 00	16 00

Please note that our extra selected EARLY SINGLE and EARLY DOUBLE MIXED TULIPS, if planted in large beds, will produce an exceedingly beautiful and lively effect.

TULIP BEDS.

It is to be regretted that the gorgeous displays presented by the Tulip beds of our public parks should be so seldom seen on our private lawns. With no other bulbs can such brilliant effects be produced. Tulips are so hardy and of such easy culture that failure to obtain satisfactory results is possible only by selecting unsuitable sorts. In order to obviate this difficulty, we give the following groups of sorts that bloom at the same time and are of equal heights. Any of these groups will form an effective combination. Tulips should be planted five or six inches apart and about four or five inches deep to the bottom of the bulb. For culture, the directions given on page 2, for culture of Hyacinths, are equally applicable. After the tulips have flowered the beds can be used for bedding plants, such as Geraniums, etc.

GROUPS OF TULIPS THAT WILL FORM EFFECTIVE COMBINATIONS.

SINGLE TULIPS.

- { *L'Immaculee*.
- { *Duc Van Thol*, Scarlet.
- { *Crimson King*.
- { *Proserpine*.
- { *Pottebakker*, Yellow.
- { " White.
- { *Artus*.
- { *Cardinal's Hat*.
- { *Couleur Ponceau*.
- { *La Reine*.
- { *Golden Prince*.

- { *Belle Alliance*.
- { *Jagt Van Delft*.
- { *Ma'Plus Aimable*.
- { *Pottebakker*, Scarlet.
- { *Canary Bird*.
- { *Joost van Vondel*.
- { *Duchesse de Parma*.
- { *Keizerkroon*.
- { *Pottebakker*, White.

DOUBLE TULIPS.

- { *Rosine*.
- { *Tournesol*, Red.
- { *Tournesol*, Yellow.
- { *Gloria Solis*.
- { *Gris-de-lin*.
- { *Imperator Rubrorum*.

It is advisable to order as soon as possible after receipt of this Catalogue, as later on in the season we may be sold out of some varieties owing to an unusual demand for same. In that case we shall substitute equally fine sorts of same color.

AMARYLLIS.

These bulbs, which are so remarkable for their beautiful flowers, should be, most of them, cultivated indoors, and but moderately watered, unless they show indications of flowering. The soil suitable for their culture is a good loam, with one-fourth part of leaf-mold or pulverized manure and a proportion of sand. Frequent disturbance of the roots is to be avoided.



AMARYLLIS.

Longifolia rosea.	Rose; hardy	25
“ alba.	White; hardy	30
Lutea (Sternbergia).	Bright yellow per doz., \$1 .	10
Prince of Orange.	Bright orange	1 50
Treatæ (Florida Fairy Lily)	. . . . . per doz., 40 cts.; per 100, \$2 .	05
Vittata.	Scarlet-striped pure white per doz., \$3.50 .	35
Hybrids of Psittacina.	Early flowering	1 00
“ “ Vittata.	White, red striped	75
“ “ “	Red, white striped	75

ARUMS.

A class of odd perennial bulbous plants, with peculiar and distinct foliage and flowers. They are of easy culture, requiring rich soil and plenty of water during their growing season. *A. dracunculus* is hardy, and a very curious species; the stalks of the leaves are spotted with brown and purple, like a snake. The others are not hardy, but should be potted in autumn and kept dormant till spring.

If ordered by mail, add 3 cents each for postage.

Crinitum.	Marble stem	Each \$0 40
Cornutum.	Red, with black spots	15
Dracunculus (Dragon-flower)	. . . . . per doz., \$1.25 .	12
Italicum.	A species from the Channel Islands, with greenish white flowers . . . per doz., \$1 .	10
Maculatum album.	A fine decorative plant; flowers white; foliage spotted . per doz., \$2.50 .	25
Palæstinum sanctum.	The new <i>Black Calla</i> , recently imported from the Lebanon Mountains; a splendid pot and chamber plant, with fine, dark green foliage, large black spathe and black spadix per doz., \$3 .	30

Aulica (Lily of the Palace).	Each
Crimson, shaded with lively green	\$1 50
Belladonna.	Violet and white . . per doz. \$2 .
“ Major.	Large; violet and white . 40
“ Major purpurea . .	40
“ Rosea perfecta . .	40
“ Speciosa purpurea .	40
“ Spectabilis bicolor .	40
Cleopatra.	Dark red, white margin 2 00
Crocea.	Orange scarlet, with white 1 25
Equestre.	Brilliant orange-scarlet, with white throat; very fine . . per doz., \$1.50 .
Formosissima (Jacobean Lily).	scarlet . . . per doz., \$1.25 .
Gigantea (Josephine).	Very fine scarlet; these are extra-size bulbs 7 00
Graveana.	Orange-red and white 60
Johnsonii.	Crimson, striped with white 75

ANEMONES.

Soil about the same as for Hyacinths. If possible, give them a moderately shady location. They are perfectly hardy, and flower in the spring. Plant in the autumn. May also be grown in pots or forced in frames for early flowers.

If ordered by mail, add 15 cents per 100 for postage.

	Each	Per doz.	Per 100
Fulgens. Brilliant crimson, flowering very early in spring	\$0 05	\$0 40	\$2 50
Blue Incomparable. Dark blue; handsome	05	40	2 50
Cardinal's Hat	05	30	1 50
Feu Superb. Bright scarlet; double	05	30	1 50
Rosette. Double	05	30	1 50
Ceres. Double white	08	50	3 00
Leverrier. Double crimson	05	40	2 50
Thalia. Double blush white	05	40	2 50
Single Pure White	05	30	1 50
Double Scarlet Mixed	05	35	2 00
Single Scarlet.	05	25	1 00
Double. All colors mixed	05	30	1 50
Single. All colors mixed	05	25	1 00
Japonica alba. White	10	1 00	6 00
" rosea. Rose	12	1 25	7 00
" rubra. Red	12	1 25	7 00



ANEMONE.

BRODIAEAS.

Brodiaeas have narrow, grassy leaves, slender stems, and a head or umbel of lily-like flowers. All are easily grown and forced, doing well in clayey, moist soil.



BRODIAEA COCCINEA.

Each Per doz. Per 100

Brodiaea coccinea (Vegetable Fire-Cracker). Blossoms of rich blood-crimson, tipped with white; grows two to three feet high	\$0 05	\$0 50	\$2 50
" grandiflora. Dwarf; sky blue; hardy	05	40	2 00
" ixioides. Light yellow blossoms, banded green	05	40	2 00
" laxa. Tall, with large blue flowers	05	40	2 00
" lactea. White, with green stripes	05	40	2 00
" stellaris. The handsomest of all; flowers rich purple, with white center	05	50	2 50

CROCUS.

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted close—say two inches apart—and in close rows, they make a very pretty display immediately after the snow goes off in the spring. Do not disturb for several years.

For flowering in pots, hedge-hogs, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for Hyacinths.

If ordered by mail, add 15 cents per 100 for postage.

	Per doz.	Per 100	1,000
Large White	\$0 10	\$0 40	\$3 00
Large Yellow	10	60	4 50
Giant Yellow	20	1 00	8 00
Large Blue	10	40	3 00
Large Purple	10	40	3 00
Striped and Variegated	10	40	3 00
Large Scotch. White, with purple stripes	10	60	4 50
Cloth-of-Gold. Yellow and brown	10	60	4 50
Cloth-of-Silver. Light blue striped	10	60	4 50
MIXED. All colors	10	40	2 50

HYBRID NAMED CROCUS.

These are composed of all the best and most beautiful varieties, and are very remarkable for richness of color and the immense size of their flowers. Though of course higher in price than the ordinary Crocus, they are yet inexpensive. These varieties are best to use in forming letters or designs on the lawn. If ordered by mail, add 25 cents per 100 for postage.

	Per doz.	Per 100
Albion. Fine striped	\$0 15	\$0 75
Baron von Bruns. Dark purple . . .	15	75
Caroline. Pure white	15	75
David Rizzio. Purple	15	75
King of the Blues. Very large . . .	20	1 00
La Majestuse. Violet striped . . .	15	75
Mad. Mina. Violet and white . . .	15	75
Mammoth. White	15	75
Marquis of Lorne. Purple	20	1 00
Mont Blanc. Finest of all whites .	15	75
Prince Albert. Brilliant purple . .	15	75
Purpurea Grandiflora. Purple . . .	20	1 00
Queen Victoria. Fine white	15	75
Sir Walter Scott. Variegated . . .	15	75



CROCUS.

CALOCHORTUS.

(California or Butterfly Tulips.)

An extraordinary and beautiful race of hardy bulbs; grow freely in light, sandy loam; protect during winter with litter. Bloom in July.

If ordered by mail, add 5 cents per dozen for postage.



CALOCHORTUS VENUSTUS.

	Each	Per doz.	Per 100
Albus. Pearly white, rich blotch	\$0 08	\$0 50	\$3 00
Gunnisonii (or Nuttallii). Creamy-white flowers, banded with green . . .	10	75	5 00
Leichtlinii. Lovely creamy white . . .	10	60	4 00
Lilacinus. Shading from lilac to purple; very pretty	05	40	2 50
Luteus. Clear yellow	05	40	2 50
Pulchellus. A beautiful rich yellow; very hardy sort	05	40	2 50
Splendens. Bluish lilac; very beautiful	10	75	5 00
Venustus citrinus. Inside citron yellow; outside reddish-brown	05	40	2 50
" oculatus. Inside white ground, with richly colored spots, outside reddish-brown; very attractive	05	40	2 50
MIXED	05	35	2 00

CYCLAMEN.

CULTURE OF THE PERSIAN CYCLAMEN.—When well-grown it is difficult to find a more useful plant than this for greenhouse, room and window decorations. The various species produce flowers varying from deep red to pure white.

Cyclamens raised from seed, if well attended to, will flower within a year from the time of sowing. The seed should be sown in a well-drained pan, filled to within half an inch of the rim with good loam, leaf-mold, and plenty of sand; sow evenly, and cover with fine soil; water gently, and place in a temperature of 65 to 70 degrees; keep the soil moist, and as soon as the seedlings appear, raise the pan to a position as near the glass as possible, and shade from the sun during the middle of the day. When the plants have one leaf, lift them carefully, and pot singly into three-inch pots, in the same soil as was originally used for sowing. Place them in a

CYCLAMEN—CONTINUED.

warm frame near glass, to prevent the plants from being drawn. Give a moderate amount of air through the day, but close early in the afternoon, and give the plants a gentle sprinkling overhead. When the pots are full of roots they will require shifting into five-inch pots; the



CYCLAMEN NEAPOLITANUM.

same compost will do, but some well decomposed manure may be added. All plants that are throwing up blooms should be placed in an airy position and attention paid to watering them. When the flowering is over, remove the plants to a cold-frame and give water until the leaves begin to decay; then gradually withhold it, allowing the plants to rest until August. Then the established plants should be shaken out and repotted into the same sized pot; place in a cool-frame and keep moist and close for a few days until they commence to grow, when air should be admitted freely. By the middle of September they will be growing finely.

If ordered by mail, add 3 cents each for postage.
Each Per doz.

Africanum. White, tinted with red and purple	\$0 20	\$2 00
Atkinsi album.	30	3 00
" rubrum	30	3 00
Coum. Crimson	10	1 00
Europæum. Red	10	1 00
Giganteum Rose	25	2 50
" Dark Crimson	25	2 50
" White "Mont Blanc"	25	2 50
" " rose eye	25	2 50
" Carmine	25	2 50
" Mixed	20	2 00
Neapolitanum. White, tinted with lilac and purple; sweet scented	10	75
Hederæfolium roseum	25	2 50
" album	25	2 50
Persicum. Mixed	10	75
Repandum. Crimson	10	75

SEEDS OF CYCLAMEN GIGANTEUM.

The magnificent strain of the German Imperial Gardens, collected for us expressly. Best time to sow Cyclamen Giganteum is the autumn. The seed should be sown thinly on the surface, pressed into the ground and covered lightly. Light sandy soil suits them best. Temperature of 55° is sufficient to insure germination. When seedlings appear they should be brought near the light, and when large enough, pricked off—several in a 5-inch pot.

Cyclamen Giganteum album "Mont Blanc." Pure white	Per pkt. \$0 25
" " atropurpureum. Dark red	25
" " superbum. White, with light red throat	25
" " robustum. White, with dark red throat	25
" " " hybridum. Carmine and white	25
" " roseum. Bright rose	25
" " "Emperor William II." New hybrid, with colossal fringed flowers of bright rose-color, tinted with scarlet	50
" " atropurpureum splendens. Splendid new DOUBLE variety	50

THE WEEPING SPRUCE OF CALIFORNIA.

(*Picea Breweriana*.)

Of this, the rarest and handsomest of Spruces, we have now the first seed ever offered. It has been collected on the summit of the Siskiyou Mountains. Per packet of about 100 seeds, 50c

CROWN IMPERIALS.



CROWN IMPERIAL.

Sulphureus. Sulphur	Each	\$0 15
Crown on Crown	20	
Couronne Orange	20	
Gold Striped. Crimson, variegated foliage ..	35	
Silver Striped	80	
Large Double Red	50	
Large Double Yellow	80	
Maximus Bright Yellow	30	
" Red	50	
Red Slagzwaard	20	
Fine Mixed Varieties	per dozen, \$1	10

A stately-growing plant, with dark green foliage, and flowers of all intermediate shades between yellow and crimson; effective for centers of beds; hardy and permanent, and not so generally planted as they should be. Their flowers are produced quite early in spring, and are very ornamental and decorative in the center of a bed of other bulbous plants. The old dull red variety, while handsome, does not give anything like the effect that the newer sorts do. The double varieties are especially conspicuous and desirable in every respect. They are better for being planted in good, rich, well-drained soil.

If ordered by mail, add 3 cents each for postage.

FREESIA.

The justly popular *Freesias* are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition in water a long time. They are easily grown or forced in a light sandy soil, in a frame or greenhouse, and are excellent for window culture in winter; one plant will perfume a large room, but not in the persistent manner of a Tuberose. The plant has tooth-shaped bulbs and flat, spreading leaves. For the information of all not acquainted with these bulbs, we may say that they are quite small, and produce very large blooms in comparison to their size.

If ordered by mail, add 3 cents per dozen for postage.

Freesia refracta alba. Pure white, and sweetly scented; very largely forced; it is one of the prettiest bulbous plants known. The flowers are two inches long and about the same in width, shaped like miniature Gladioli, and in clusters of six to ten, on depressed horizontal scapes. The body of the flower is pure white, with lower segments spotted lemon yellow. There is a peculiar delicacy and beauty about this flower that is all its own; the fragrance is remarkable and very lasting. Each, 5 cts.; per doz., 30 cts.; per 100, \$1.25.

Freesia Leichtlinii major. Creamy white, shading to yellow; a pretty sort, but not so largely used as *F. refracta alba*. Each, 5 cts.; per doz., 40 cts.; per 100, \$2.

Freesia odorata. Sweet-scented. Each, 5 cts.; per doz., 40 cts.; per 100, \$2.



FREESIA REFRACTA ALBA.

GLADIOLUS.

The following varieties are the only sorts to be had at this season of the year, and they are generally planted in pots in autumn, and require to be kept in a warm room or greenhouse, except those prefixed with an asterisk (*), which are hardy, and may be planted out; it is best, however, to give them a slight protection. Some varieties are successfully forced.



GLADIOLUS, "THE BRIDE."

The French Hybrids, for spring planting, will be in by November. These form a family of bulbs of rare beauty. Every year is now adding varieties of most exquisite tint and shade; and from the time of year during which these bloom, and the long continuance of their flowers in perfection, they become one of the greatest ornaments of the garden at a season when flowers of vivid tints are scarce. They are valuable for bedding.

Descriptive Catalogue of one hundred varieties ready in February.

If ordered by mail, add 5 cents per dozen for postage.

Each Per doz. Per 100

Anna Paulowna. Fine			
rose	\$0 10	\$0 60	\$4 00
*Byzantinus. Delicate			
purple	05	30	1 50
Cardinalis. Beautiful			
scarlet; one of the			
finest for pot-culture .	10	60	4 00
Colvillei. Purple striped	05	30	1 50
" albus (The Bride). White; for forcing	05	30	1 50
*Communis White	05	30	1 50
*Communis Red	05	30	1 50
Duke of Albany. Rich crimson; flakes white, shading to magenta	10	60	4 00
Floribundus. White, feathered rose and violet	10	60	4 00
Formosissimus. Brilliant scarlet	10	60	4 00
Insignis. Light carmine-red	10	60	4 00
*Nanus. In mixture	05	30	1 50
Ne Plus Ultra. Crimson and white blotch	10	60	3 50
Queen Victoria. Salmon-scarlet, feathered pure white	10	60	3 50
Ramosus. In mixture	06	50	3 00
Tristis Sulphureus. Rare sulphur color; fine forcing variety	06	50	3 00
Mixed French Hybrids. Ready in November	05	40	1 75
Mixed Finest Selected Seedlings. All colors	05	40	2 00
New "Snow White." The finest white Gladiolus ever grown, the flowers being of a snowy whiteness never seen in any other sort	25	2 50	15 00

GRAPE, FEATHERED, ETC., HYACINTHS.

These little favorites are entirely hardy, and very pretty for the open ground or for pot culture.

If ordered by mail, add 15 cents per 100 for postage.

Each Per doz. Per 100

Muscari botryoides. White Grape Hyacinth	\$0 05	\$0 40	\$2 00
" " Purple Grape Hyacinth	05	25	1 00
" " Large Pearl Hyacinth	15	1 25	7 00

GRAPE, FEATHERED, ETC., HYACINTHS—CONTINUED.

Muscari dipcade major. Large Nutmeg Hyacinth Each Per doz. Per 100
\$0 30 \$3 00



Muscari dipcade minor.
Small Nutmeg Hyacinth 20 2 00
" **plumosum.**
Large Feathered Hyacinth 05 40 \$2 00
" **racemosum.**
Blue Starch Hyacinth 05 25 1 00
" **monstrum.**
The Purple Feathered Hyacinth 06 50 2 50
" **comosum.** Blue Tasseled

Hyacinth 05 25 1 00
Muscari commutatum. Blue Grape Hyacinth 05 30 1 50
Hyacinthus candicans. Can be furnished in the spring

IXIAS.

The Named Hybrid Ixias are so beautiful and rich in tints that no lover of bulbs should be without them. They are equally adapted for pots or the open ground, exceedingly free flowering, and invaluable for cutting. If planted out, they require rather more covering during winter than Hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring the Ixias everywhere attract much attention.

If ordered by mail, add 3 cents per dozen or 13 cents per 100 for postage.

	Each	Per doz.	Per 100
Alliance. Carmine and yellow	\$0 05	\$0 40	
Crateroides. Bright crimson			
per 100, \$1.50	05	40	
Faunus. Golden yellow and black	05	40	
Golden Drop. Dark yellow and brown	05	40	
Ida. Yellow, black eye	05	40	
Nosegay. White and rose	05	40	
Silas. Yellow, rose and purple	05	40	
In Splendid Mixture.			
per 100, \$1.25	05	30	



IXIAS.

IRIS. (FLEUR-DE-LIS.)

A beautiful class of flowering bulbs, suitable for pots or borders, and all hardy except *Morea Pavonia* and *Tuberosa*, which can only be flowered in the house in pots.

If ordered by mail, add 6 cents per dozen, except those marked thus (*), for which add 20 cents per dozen.

	Each	Per doz.	Per 100
Anglica (English Bulbous). Mixed colors	\$0 05	\$0 40	\$2 00
Iberica. Gray; striped violet-purple	30	3 00	
*Kämpferi. Beautiful Japan Iris. Mixed single	15	1 50	
Double. Valuable for forcing and cut-flowers	25	2 50	
Morea Pavonia (Peacock). Pretty	10	75	5 00
Persica. Early dwarf Persian; fine for forcing	08	60	3 00
*Pumila. Mixed	08	60	3 00

IRIS—CONTINUED.

Reticulata. Mixed Each Per doz. Per 100
 \$0 15 \$1 50 \$7 00



IRIS.

***Susiana major** (Chalcedonian Iris). Blush, tinted brown, dark lines. 25 2 50
Tuberosa (Snake's-Head Iris). Rich violet, tinted black. 10 75 5 00
Hispanica (Spanish). These are now being largely grown for cut-flowers. They are planted in beds in the open as soon as received in the autumn, and protected slightly. In the beginning of April cover the bed with glass, to have the flowers ready for cutting in May. Mixed colors 05 20 75

JONQUILS.

A class related to the Narcissus, and suitable alike for pot-culture or planting out. The culture required is the same as for Hyacinths.

If ordered by mail, add 6 cents per dozen for postage.

Each Per doz. Per 100
Single Yellow Sweet-Scented . . \$0 05 \$0 30 \$1 25
Large Single (Campenelle). Yellow 05 30 1 25
Large Double. Yellow 08 60 4 00

LILIES. (LILIUM.)

These require very little care. The principal thing, indeed, to be attended to is to forbear disturbing them too often. *L. auratum* cannot bear manure; ordinary light soil suits them best. We call particular attention to the *L. speciosum* (Japan Lilies), which are, next to *L. auratum*, the most magnificent species. Lilies should be planted deep, not less than six inches, and, although hardy, are benefited by a light covering.

Most of these Lilies are not ready for shipment until after frost.

If ordered by mail, add 3 cents each for those marked thus (*); others from 1 to 2 cents each for postage.

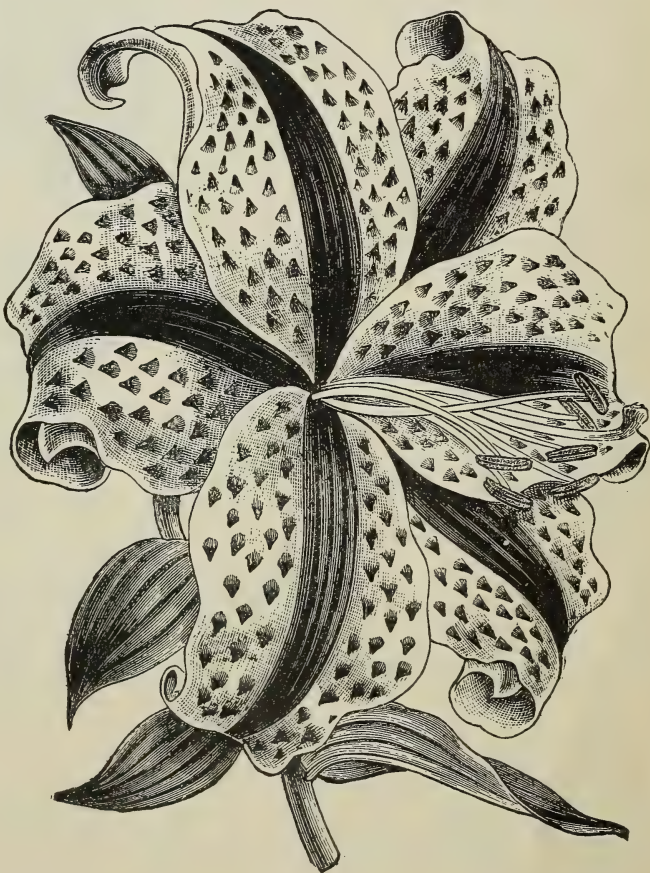
Each Per doz.

***Atrosanguineum** (*Fulgens*). Dark crimson, black spots \$0 20 \$2 00

***Brownii**. Creamy white, shaded with chocolate crimson; an extra large and always rare lily; 2½ ft. 75 8 00

Canadense (Meadow Lily). Yellow, spotted; 1½ to 3 ft. 10 75

***Candidum** (Madonna Lily). The common, large, white, sweet-scented lily; valuable for forcing; 2 to 3 ft. high 10 1 00
 . . . per 100, \$5 10 1 00



JAPAN LILY.

LILIES—CONTINUED.

		Each Per doz.
Candidum.	Striped foliage	\$0 40
*Candidum flore pleno.	Double white; 5 ft. high	20 \$2 00
*Chalcedonicum.	Bright scarlet; 2 to 3 ft.	40 4 00
*Colchicum.	Citron, black spots	1 50
Excelsum.	. . . . .	40
*Giganteum.	White, with crimson stripes; 6 to 10 ft.; extra size	3 50
*Humboldtii.	Orange-red, with claret-colored dots; 4 to 5 feet high	20 2 00
*Longiflorum.	Pure white trumpet; 5 to 7 inches in circumference	10 1 00
"	7 to 9 inches in circumference	20 2 00
Martagon.	Purple	25 2 50
"	Yellow	25 2 50
Pardalinum.	Bright orange-red, light yellow center	15 1 25
Parvum.	Orange-yellow, spotted with purple; 1½ to 2 ft. high	15 1 25
Philadelphicum.	Orange-red, with black spots; 2 ft. high	10 75
Superbum (Turk's-Cap Lily).	Deep orange-red, thickly spotted	10 1 00
Thompsonianum.	Rose-colored, 1 foot high	10 1 00
Thunbergianum kikak		15 1 50
"	Mixed	15 1 50
*Tigrinum (Tiger Lily).	Orange-salmon; 3 ft. high	10 1 00
* " flore pleno.	New double Tiger Lily	12 1 25
Umbellatum erectum		12 1 25
"	grandiflorum	12 1 25
"	Incomparabile	12 1 25
"	Mixed	10 1 00
*Washingtonianum.	Very fragrant flowers, changing from pure white to various shades of purple or lilac; quite distinct and very fine; 3 to 5 ft. high	25 2 50

BEAUTIFUL JAPAN LILIES.

(Imported Direct.)

These do not generally arrive till late in the autumn or early winter.

	<i>These do not generally arrive till late in the autumn or early winter.</i>	Each Per doz.
* Auratum	(Golden-Banded Lily). The grandest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the center of each petal. The plant grows from 3 to 6 feet high. 7 to 9 inches circumference. per 100 \$5.00 . \$0 10 9 to 11 " " " " " " 7.50 . 15 1 50 11 to 13 " " " " " " 12.00 . 20 2 00	
" "	macranthum . Magnificent flowers of perfect form	40 4 00
* " "	rubro vittatum . Very large flowers, bright spot; magnificent variety .	90 9 00
* " "	pictum . Has larger dots of red than the common Auratum	50 4 50
* " "	Wittei . Pure white, with raised spots of satiny white; broad yellow stripe through each petal; very large flowers	90 9 00
* Speciosum album præcox .	Beautiful pure white flowers; 2 to 3 feet high.	30 3 00
" "	rubrum . Red spotted	20 2 00
" "	rubrum Melpomene . Very dark red	25 2 50
Batemannii .	Richly-colored unspotted flowers of bright apricot tint	15 1 50
Cordifolium .	White, yellow and purple flowers; 3 to 4 ft. high	20 2 00
Coridion .	Upright star-shaped flowers of clear yellow, spotted with red	10 1 00
Elegans .	Red	10 1 00
" "	"Alice Wilson." Large flowers of a pure yellow color; very rare	75 8 00
Hansonii .	Reddish orange, purple dotted flowers; 3 to 4 feet high	75 8 00
Krameri .	White, slightly tinged with red; sweet-scented	20 2 00
Leichtlinii .	Canary yellow, with crimson spots; 2 to 3 feet high	40 4 00
" "	Orange-red	40 4 00
Medeoloides .	Fine vermilion flowers	40 4 00

LILIUM HARRISII. (Bermuda Easter Lily.)

This now well-known variety has large trumpet-shaped pure white flowers, of beautiful form and rich fragrance. It is extensively used for forcing, for which purpose select bulbs must be procured if early results are desired. The bulbs are hardy out-doors with moderate protection.

If ordered by mail, add from 10 to 20 cents per dozen for postage, according to size.

ordered by mail, add from 10 to 20 cents per dozen for postage, according to size.			Each Per doz.		
5 to 7 inches in circumference	per 100,	\$3.50	\$0 10	\$0 75	
7 to 9 " "	" "	7.00	. 15	1 50	
9 to 11 " "	very fine	14.00	. 25	2 50	
11 to 13 " "	mammoth size	25.00	. 35	3 50	

LILY-OF-THE-VALLEY.

(*Convallaria majalis*.)

One of the most beautiful and admired spring flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from six to twelve in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three to four weeks after planting. They require a considerable amount of heat to start them.

Each Per doz.

Convallaria majalis. White flowers; fine large clumps \$0 30 \$3 00

Per 100 Per 1,000

Convallaria majalis. Strong pips for forcing. 50 cts. per bundle of 25 \$1 50 \$10 00



LILY-OF-THE-VALLEY.

CHINESE SACRED LILY.

(The Water-Fairy Flower.)

A variety of the *Polyanthus Narcissus*, imported from China; the bulbs do not generally arrive here until November. The Chinese have the following interesting fable connected with this flower:

"Once upon a time a father left his property to his two sons, with the understanding that it should be equally divided; but the elder son seized all the tillable land and left the younger nothing but an acre covered with rocks and water. The younger son, failing to obtain justice, sat at the water's edge bemoaning his misfortune. A benevolent fairy appeared, and giving him these *Narcissus* bulbs, told him to drop them into the water. Shortly afterward their flowers were developed, and the neighbors crowded to see the fairy's gift. In the course of a few years the badly treated brother accumulated a fortune by the rapid increase and sale of his bulbs. Then the elder brother, envious of the prosperity of the younger, bought up great numbers of the bulbs—hoping to get a monopoly by getting all of them—at so heavy a price that he was obliged to mortgage his property to procure funds for the purpose. He planted all his good land with bulbs, but they soon began to die, as they cannot live long out of water. He was ruined, while his brother, who had bought the mortgage, foreclosed it, and became possessed of the whole estate in time to plant some of the dying bulbs in the watery acre."

The bulbs should be placed from three to six in a bowl or glass dish of water, which has been partly filled with pebbles, some of which place over the bulbs so as to prevent them from floating. The water should be tepid, and changed every two days. Submerge the bulbs entirely and place in a sunny window in a cool room. 15 cents each, \$1.50 per dozen. (If ordered by mail, add 30 cents per dozen for postage.)



CHINESE SACRED LILY.

NARCISSUS.

Most useful for furnishing flowers in the early spring months from out-of-doors, or during winter, by forcing. They are all hardy, with exception of *Bulbocodium* and the *Polyanthus* section.

SINGLE NARCISSUS.

(Daffodils.)

If ordered by mail, add 13 cents per dozen for postage.

Each Per doz. Per 100

Ard Righ (Irish King). Magnificent yellow trumpet, very large and graceful. The earliest and finest of all for forcing \$0 12 \$1 25 \$7 00

Bicolor Horsfieldii. Pure white and golden trumpet 25 2 50 15 00

Bicolor Empress. Larger than the above; very effective 40 4 00

Bicolor Rugilobus. Sulphur perianth and golden trumpet 10 75 5 00

Biflorus. White 05 30 1 50

Bulbocodium (Hoop Petticoat). Golden yellow; for forcing 08 60 4 00

Bulbocodium White (*clausii*). Very early 10 1 00 6 00

Countess of Annesley. A splendid new yellow trumpet variety, recently found in an old Irish garden; blooms very large \$0 25 \$2 50 \$14 00

Cyclamineus major. A beautiful cyclamen-like variety 25 2 50. 15 00

Golden Spur. This lovely variety is distinguished by its enormous flower, wide trumpet and rich golden color. 20 2 00 12 00

Golden Flower. Rich golden, self-yellow variety; very fine 15 1 50 9 00

Henry Irving. Large golden trumpet 20 2 00 12 00

Incomparabilis. Single yellow; early 05 40 2 00

" **Cynosure**. Yellow perianth, deep orange-stained cup 08 60 3 50

" **Stella**. White, with golden cup; valuable for forcing 05 40 2 00

" **Sir Watkin**. Rich golden yellow; largest of all 35 3 50 24 00

Nana Minor. Golden yellow; bold and showy 08 60 4 00

Obvallaris Maximus (Tenby Daffodil). Very early; bright yellow, large; fine forcer 08 60 3 50

Poeticus. Pure white, with red cup; fine for cutting 05 25 1 00

" **Ornatus**. Same color as *Poeticus*, and the most valuable for cut-flowers, as it blooms a month earlier 05 40 2 00

Princeps. Pale yellow, large flower; valuable for forcing or outdoor culture. A splendid variety 06 50 3 00

Pseudo-Narcissus (Common Daffodil) 05 40 2 00

Rugulosus. Deep yellow, large-flowered; extra fine 05 40 2 00

Schizanthus Orientalis. Primrose perianth and yellow cup 10 1 00 6 00

Scoticus (The Garland Lily). White perianth, golden yellow trumpet 06 50 2 50

Tennier (Silver Jonquil) 08 60 4 00

Trumpet Major. Large, early; deep golden yellow 06 50 3 00

DOUBLE NARCISSUS. (DAFFODILS.)

These are entirely hardy, and most useful for pots and borders.

If ordered by mail, add 12 cents per dozen for postage.

Each Per doz. Per 100

Albus Plenus Odoratus. Pure white, sweet-scented; for out-doors . . \$0 05 \$0 40 \$2 00

Incomparabilis (Butter and Eggs). Lemon and orange 05 40 2 00

Orange Phoenix. Orange and straw 08 60 4 00

Sulphur Crown. White 25 2 50 14 00

Van Sion. Double yellow cup 06 50 3 00

Tazetta (Roman). Very early yellow; for forcing and pot-culture 05 40 2 00



POLYANTHUS NARCISSUS.

Invaluable for forcing. These all flower very early; the flowers are exceedingly fragrant, and may be grown either in glasses or pots. If planted in open borders, they must be well protected by a covering of litter.

If ordered by mail, add 20 cents per dozen for postage.

	Each	Per doz.
Bazleman Major. Fine; white	\$0 40	\$4 00
Bazleman Minor. White, with yellow cup	10	1 00
Gloriosa. White, with yellow cups	10	75
Grand Monarque. White, with yellow cup	10	1 00
Grand Soliel d'Or. Orange, with yellow cup	10	75
Grand Primo. White	10	75
Jaune Supreme. Primrose, orange cup	10	75
Louis le Grand. White; very fine	10	75
Luna. White, orange cup	10	75
Newton. Yellow	12	1 25
Queen of the Yellows. Yellow	20	2 00
Queen Victoria. White, with yellow cup	12	1 25
Scilly White. Fine early white flowering sort	10	75
Staten General. Lemon color	10	75
Totus Albus (Paper White). Pure white; one of the earliest and most valuable for forcing per 100, \$1 50 .	05	40
“ “ “ “ Large Flowering. Very early per 100, \$2 .	06	50
“ “ Floribundus. Free-flowering Paper White	10	60
“ “ Giganteus. New giant-flowered Paper White	10	60
White Pearl. White	10	75
Mixed. All colors per 100, \$2 50 .	06	50

NERINE.

(Guernsey Lily.)

These bulbs should be cultivated in pots, in light, sandy soil, and to promote their flowering, a vigorous growth of leaves must be encouraged in the autumn; the requisites are, warmth enough to excite them, and air to prevent their growing weak. They are very interesting and handsome in flower, and not as well known as they deserve, by any means. Our illustration gives an idea of their habit and elegance of form.



NERINE SARNIENSIS.

If ordered by mail, add 2 cents each for postage.

	Each	Per doz.
Crispa. Scarlet; very pretty	\$0 40	\$4 00
Flexuosa. Pretty rose	60	6 00
Fothergilli. Vermilion	60	6 00
Fothergilli Major. Nothing can surpass the splendor of this flower. By artificial light the crystalline cells of the petals sparkle like jewels. It flowers very freely	1 00	
Japonica. Purplish red; very beautiful	10	1 00
Sarniensis (True Guernsey Lily). Crimson. The best known sort	20	2 00
Undulata. Rosy carmine	40	4 00

OXALIS.

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging baskets, in which they make a splendid display. Pot in September, and remove indoors early in October; keep in moderate temperature. They bloom in a most interesting manner, and are always greatly admired.

If ordered by mail, add 5 cents per dozen or 12 cents per hundred for postage.

	Each	Per doz.	Per 100
Bowiei. Crimson	\$0 06	\$0 50	\$2 50
Flava. Golden yellow	05	40	2 00
Hirta Rosea. Rose	05	40	2 00
Lutea. Yellow	05	30	1 25
" Flore Pleno. Double yellow	06	50	2 50
Purpurea. Purple	05	30	1 25
" alba	05	30	1 50
" rosea	05	30	1 25
Rubelli. Purple	05	40	2 00
Variabilis rubra	05	30	1 25
Mixed	05	30	1 25



OXALIS

RANUNCULUS.

The main soil for these should be loam or clay, with a good dressing of rotten manure and leaf-mold; if heavy, add a little sand. To have them in perfection the soil should be well drained, cool, deep, rich and moist. Plant late in the autumn, claws downward, from four to six inches apart and three inches deep, covering with fine, pulverized soil. The TURBAN sorts are more hardy, and although the same treatment is desirable, they may be dealt with in a rougher fashion.

If ordered by mail, add 3 cents per dozen for postage



RANUNCULUS.

PERSIAN VARIETIES.

	Each	Per doz.
Belladonna. White	\$0 08	\$0 60
Commodore Napier. Yellow and brown border	05	35
Double Red	05	30
California Gold. Yellow	05	35
Favorite des Dames. Rose striped	08	60
Kiskoy. Purple	05	50
Saturnus. Crimson	05	40
Fireball. Brilliant scarlet	05	30
Queen of the Netherlands. Black	08	60
Double Mixed Persian. . per 100,75 cts.	05	20
Double Mixed French . . per 100,75 cts.	05	20

TURBAN VARIETIES.

These are the most hardy of the Ranunculus, and will succeed with much less care than is necessary for the Persian sorts.

	Each	Per doz.
Citron	\$0 05	\$0 35
Crimson	05	35
Scarlet	05	30
Hercules. White	08	75
Yellow	05	35
Striped	05	40
Viridiflora. Scarlet, with green center	05	35
Mixed Turban per 100,75 cts.	05	20

SCILLAS.

No garden can be complete without these beautiful flowers. With the exception of *Peruviana*, which requires slight protection, they are quite hardy, and may be suffered to remain in the ground several years without taking up.



SCILLA.

	Each	Per doz.	Per 100
<i>Campanulata</i> (Wood Hyacinth). Blue . . .	\$0 05	\$0 20	\$1 00
<i>Campanulata alba</i> . White . . .	.06	50	2 00
<i>Campanulata rosea</i> . Rose color . . . . .	.06	50	2 50
<i>Cernua cœrulea</i> . . . . .	.05	30	1 25
	.06	50	2 50
	.08	60	3 00
	.08	60	3 50
* <i>Ciliaris</i> . Light blue	15	1 50	
<i>Patula rubra</i> . . . . .	.08	60	3 00
* <i>Peruviana alba</i> (Cuban Lily)	20	2 00	
* <i>Peruviana cœrulea</i> (Cuban Lily)	15	1 50	

SNOWDROPS.

(*Galanthus Nivalis*.)

Perhaps no spring flower is a more general favorite than the Snowdrop. The earliest flowering of its varieties is the common single sort, which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in the spring. This is succeeded by the double-flowered variety, with its elegant drooping snow-white blossoms.

If ordered by mail, add 3 cents per dozen or 25 cents per hundred for postage.

	Per doz.	Per 100	1,000
Single-Flowering Snowdrops	\$0 25	\$1 25	\$8 00
Double-Flowering Snowdrops . . .	30	1 50	11 00
Giant Snowdrop of Asia Minor (<i>Galanthus Elwesii</i>)	5 cts. each	50	2 25



SNOWDROPS.

TUBEROSES.

It is not necessary to describe this lovely favorite of our gardens. Its purity of color and rich perfume have gained it great esteem. Our bulbs are certain to flower if properly treated, and are not excelled by any.

If ordered by mail, add 25 cents per dozen extra for postage.

	Each	Per doz.	Per 100
Tall Double	\$0 06	\$0 50	\$2 00
Dwarf Pearl . . . . .	.06	50	2 00

MISCELLANEOUS BULBS AND ROOTS.

Each Per doz.

Aconite. (See Eranthis).**ALLIUM NEAPOLITANUM.** White; excellent for forcing per 100, \$1.25 . \$0 05 \$0 30
" *molle luteum.* Golden yellow 05 40**Alstroemeria aurantiaca.** Plant deep, and take up in fall. 10 1 00
" *Chilensis.* " " " " 10 1 00**Anomatheca cruenta.** Charming dwarf scarlet flowers, Freesia-like. 05 50**Anthericum Liliago** (St. Bernard's Lily) 05 50**Antholyza præalta.** Resembling Gladiolus; take up in fall. 10 75**Babiana.** Mixed colors; charming for pots 05 35**BEGONIA, TUBEROUS-ROOTED, DOUBLE BRIGHT SCARLET.** Most magnificent plants from a private collection in France; unequalled for brilliancy of effect 35 3 50**Bessera elegans** (Coral Drops). Bright coral-scarlet, with white cups and dark blue anthers per 100, \$2.50 . 05 50**Bloomeria aurea.** Light yellow blossoms 08 75**Bravoa geminiflora.** Orange and scarlet; twin flowered 25 2 50**Brunsvigia multiflora.** Deep Red Giant Amaryllis; for the greenhouse 4 00" *coranica.* Pink Amaryllis; for the greenhouse. 3 00" *pumila.* Red Amaryllis; for the greenhouse 4 00**BULBOCODIUM VERNUM.** Early; rosy purple, flowering close to the ground; valuable for edging per 100, \$1.50 . 05 40**Buphane toxicaria major.** Greenhouse bulb. Closely allied to the Amaryllis . . . 5 00" " *minor* 4 00" *ciliaris* 4 00**Caladium esculentum** 15 1 50**CALLA ÆTHIOPICA.** The popular Calla Lily per 100, \$10 . 15 1 50**Camassia esculenta.** Violet blue per 100, \$1.50 . 05 35**Chionodoxa Lucillæ** ("Glory of the Snow"). A charming spring-flowering bulb; porcelain-blue, with white eye per 100, \$1.50 . 05 35" *Sardensis* per 100, \$1.50 . 05 35**Chlorogalum pomeridianum** (Soap Root). Tall; pearly white flowers 12 1 25**Clematis coccinea.** A herbaceous hardy perennial; grows from 8 to 12 feet high, beginning to flower in June and continuing until frost; flowers rich coral-scarlet, shining as if polished. 15 1 50**Cooperia Drummondii** (Evening Star). White; take up in fall per 100, \$3 . 08 60" *pedunculata.* Beautiful white fragrant flowers per 100, \$3 . 08 60" *Oberwetteri.* New; bright green per 100, \$3 . 08 60**Colchicum.** Violet 08 75**Crocospmia aurea** (Tritonia). Half hardy; orange flower 05 40**Cyclobothra flava** (Yellow Shell Flower). Golden yellow cup, with fine black dots . 08 75**Cypella Herberti.** Bright orange-yellow; half hardy 10 1 00**Dicentra spectabilis** (Dielytra, Bleeding-Heart). Hardy 10 1 00**Eranthis hyemalis** (Winter Aconite). Yellow per 100, \$1.25 . 05 30**Erythronium dens-canis** (Dog's-Tooth Violet). Mixed 05 40" *grandiflorum.* Beautiful straw-colored lily blossoms . per 100, \$2.50 . 08 60" *Americanum.* Nodding, yellow lily-like flowers . . per 100, \$2.50 . 08 60**Fritillaria Meleagris.** Mixed. Valuable for pots and outdoor decoration per 100, \$3 . 08 60" *lanceolata.* Tall flowers, mottled green and brown 10 1 00" *recurva.* Larger and more profuse flowering than the above 10 1 00" *biflora.* Low growing species; greenish brown ground, prettily lined . 10 1 00" *lilacea.* Flowers white; easily grown 10 1 00**Galanthus Elwesii** (Asia Minor Giant Snowdrop) per 100, \$2.25 . 05 50**Galaxia graminea.** Yellow; for pots 40 4 00**Gloxinias.** Fine mixed per 100, \$10 . 15 1 50**Hæmanthus albiflos.** White flowered; fine 1 25" *coccineus.* Scarlet; for pots 1 25

MISCELLANEOUS BULBS AND ROOTS—Continued.

	Each	Per doz.
Hæmanthus puniceus. Orange-red; for pots	\$1 25	
“ tigrinus. Crimson; for pots	1 50	
Helleborus niger major (Christmas Rose). Perfectly hardy, but most valuable for forcing for cut blooms	25	\$2 50
“ “ “ Jacob's new prize varieties	25	2 50
Hemerocallis , in six varieties. (Day Lily.)	25	2 50
Hoteia Japonica (Spiræa). Beautiful feathery white flowers; fine clumps for forcing or out-of-door planting per 100, \$6.	10	1 00
Hyacinthus candicans. A snow-white summer-flowering giant hyacinth, growing from 3 to 4 feet high	08	75
Hypoxis villosa. Yellow; for pots	20	2 00
Imantophyllum miniatum. Rich cluster of orange-crimson flowers two feet high; for pots	1 00	
Ismene Calathina. White; sweet-scented; hardy	30	3 00
Lachenalia pendula. (For pots.) Red, tipped with green and yellow	15	1 50
“ luteola. Green, yellow and red	10	1 00
“ quadricolor. Bright green, red and yellow	20	2 00
“ tricolor. Yellow, tipped with green and red	15	1 50
Leucojum æstivum. Summer-flowering white Snowflake	05	50
“ vernum. Spring-flowering dwarf Snowflake per 100, \$2.50.	05	50
Massonia corymbosa. Very curious little plants	60	
Milla biflora. A Mexican bulb, producing pure waxy white flowers over two inches in diameter; suitable for the greenhouse, and easily forced into bloom per 100, \$3.	05	50
Montbretia crocosmiæflora. Bright orange, sprinkled with purple spots; large flower of fine form	08	60
Nemastylis geminiflora. Bright blue; for pots	08	75
Ornithogalum pyramidalis (Star of Bethlehem). Showy spike of white flowers . .	30	3 00
“ altissimum	30	3 00
“ Arabicum. White, with black center; valuable for forcing per 100, \$2.50.	05	50
“ longibracteatum. Half hardy; greenish white	25	2 50
Pancratium Illyricum. Half hardy; large fragrant white flowers	30	3 00
“ maritimum (Sea Daffodil). Delightfully fragrant; white . per 100, \$5.	10	1 00
Pentlandia miniata. Beautiful greenhouse bulb with crimson flowers	30	3 00
Phædranassa gloriosa. Half hardy; fragrant yellow flowers	20	2 00
“ chloracea. Half hardy; yellow, tipped with green	20	2 00
Pæonia Chinensis. White	30	3 00
“ “ Crimson	30	3 00
“ “ Mixed	25	2 50
“ arborea (Tree Pæony)	2 00	
“ tenuifolia. Single; bright crimson	50	
Schizostylis coccinea. Scarlet gladiolus-like flowers in spikes; quite hardy; also valuable for forcing per 100, \$2.	05	40
Sparaxis . Finest mixed per 100, \$1.50.	05	30
Tigridia . White Tiger Flowers per 100, \$4.	10	75
“ Red “ “ per 100, \$3.	08	60
“ Yellow “ “ per 100, \$3.	08	60
Tricyrtis hirta	15	1 50
Trillium grandiflorum (Wood Lily). Pure white; suitable for forcing. per 100, \$4.	10	1 00
“ erectum (Purple Trillium). Very early per 100, \$4.	10	1 00
“ sessile var. Californicum. Greenish white to dark purple . . per 100, \$4.	10	1 00
Triteleia uniflora. Pure white, shaded with blue; hardy per 100, \$1.	05	25
Tritoma uvaria grandiflora (Red-Hot-Poker Plant). Half hardy	12	1 25
Tritonia crocata. Mixed per 100, \$2.	05	40
Tropæolum tricolorum Jarrattii. Fine greenhouse climber; for pots	20	2 00
“ pentaphyllum	50	
Watsonia . Fine mixed sorts; take up in fall	10	1 00
Zephyranthes candida. Silver-white; half hardy per 100, \$1.50.	05	40
“ rosea. Rose	10	1 00
“ Atamasco (Atamasco Lily). Fine white	05	40



Flower Seeds for Fall and Winter Sowing in Frames and Greenhouse.

Suitable for Florists or Amateurs.

	Per pkt.	Per oz.
Acacia Farnesiana. Yellow; sweet scented	\$0 05	\$0 25
Alyssum maritimum	05	30
Aster. Victoria White	10	3 00
" " Mixed	10	2 50
" Comet Mixed	10	4 00
" Dunnett's Crimson	10	2 50
" Non Plus Ultra. Cream colored	10	2 50
" Truffaut's Mixed Perfection	10	2 00
" Washington. Peach-blossom	10	3 00
Balsams. Finest Double Pink	10	1 50
" " " Crimson	10	1 50
" " " Solferino	10	75
" " " White	10	1 50
" " " Lavender	10	90
Begonia semperflorens Vernon	25	
Browallia elata (Amethyst)	10	60
Calceolaria hybrida. Finest mixed	25	
" grandiflora, self-colored	25	
Candytuft, "Empress." Fine white	05	75
Carnation, Double Early Dwarf Vienna Mixed	10	2 00
" " Margaret Dwarf White	40	
" " " Rose	25	
" " " Mixed	25	6 00
" " " Half Dwarf Mixed	10	3 00
" " " Tall Mixed	10	1 50
Centaurea candidissima	25	
" gymnocarpa	10	
Chrysanthemum inodorum, Double	10	1 50
" frutescens (Paris Daisy)	10	
" Extra selected large-flowered from a collection of 800 varieties	50	
Cineraria hybrida, Finest Mixed	25	
" " Large-flowered Prize, Mixed	50	
" " Splendid Mixed Half-dwarf	25	
Cobæa scandens	10	75

FLOWER SEEDS FOR FALL AND WINTER SOWING—Continued.

	Per pkt.	Per oz.
Coleus , Fine Mixed	\$0 25	
Cosmos bipinnatus hybridus, Fine Mixed	10	\$1 00
" White Hybrid	10	1 25
Cyclamen giganteum. See page 14		
Daisy (<i>Bellis Perennis</i>), Double White	10	6 00
" Double Mixed, from selected flowers	25	6 00
Gypsophila elegans	05	30
" paniculata, white; fine for bouquets	05	40
Mignonette , Golden Queen	05	40
" Gabrielle	10	75
" "Machet"	10	75
Mimulus moschatus compactus (new dwarf Musk)	10	
Pansy , Black	10	1 25
" Striped	10	1 50
" Gold Margined	10	1 25
" Five-blotched (Odier)	25	6 00
" Lord Beaconsfield, deep purple-violet	10	1 25
" Pure Yellow	10	1 25
" Trimardeau, "Giant Pansy;" very large flowered; mixed	10	3 00
" Emperor William	10	1 50
" Thorburn's Superb Strain. Largest	25	7 00
" Candidissima, "Snow Queen"	10	1 25
Phlox Drummondii , Dwarf White "Snowball"	25	
" " Fireball	25	
" " Fancy Mixed	10	2 50
" " cuspidata	10	1 50
" " Hortensiaeflora. Half dwarf rose	05	75
" " grandiflora. Dwarf Crimson Bouquet	10	1 50
" " splendens	10	1 00
" " Chamois rose	10	1 25
Primula sinensis fimbriata rubra	25	
" " alba	25	
" " globosa rubra	25	
" " alba	25	
" " kermesina splendens	25	
" " Mixed	25	
" obconica. Very pale lilac flowers, blooming perpetually under glass	25	
Pyrethrum parthenium aureum, "Golden Feather"	05	60
Smilax (<i>Myrsiphyllum asparagoides</i>)	10	75
Stocks , Dwarf White Large-flowering, Ten Weeks	10	4 00
" Brilliant Rose, Ten Weeks	10	4 00
" German Bouquet, Mixed, Ten Weeks	10	2 50
" White Dresden Perpetual	25	
" Giant Perfection, Mixed	10	4 00
" Intermediate White	25	6 00
" " Crimson	25	6 00
" " Mixed	25	6 00
" Winter Scarlet	25	5 00
" Dwarf Crimson Bouquet	25	6 00
" White	25	5 00
Torenia Fournieri. Beautiful pot plant	25	
Vinca alba (pure white)	10	1 00
" rosea	10	1 00
" alba	10	1 00
" Mixed	10	1 00

PALM SEEDS.

Imported direct from Australia, New Zealand, South America, Central America and the West Indies. Fresh seeds arrive throughout the year.

	Seeds	Per pkt.	Per 100 Seeds
Areca Baueri	12	\$0 25	\$1 25
" lutescens	12	25	1 25
" sapida	8	10	1 00
Brahea edulis	4	25	5 00
" filifera	25	10	30

PALM SEEDS—Continued.

	Seeds	Per pkt.	Per 100 Seeds
Chamærops excelsa . . . . .	. 25	\$0 10	\$0 30
“ elegans argentea . . . . .	. 12	25	1 25
“ canariensis	8	10	1 00
“ humilis . . . . .	. 20	10	40
Cocos campestris . . . . .	. 10	25	2 25
“ Weddeliana	8	25	2 50
Corypha australis (Cabbage Palm) . . . . .	. 10	10	60
Dracæna indivisa lineata . . . . .	. 25	10	25
Geonoma Schottiana	8	25	2 50
Kentia Belmoreana . . . . .	. 10	25	2 00
“ Canterburyana (Umbrella Palm) . . . . .	. 10	50	4 00
“ Forsteriana . . . . .	. 10	25	2 00
“ Morei . . . . .	. 10	50	4 00
Latania Borbonica . . . . .	. 12	10	50
Musa ensete (Abyssinian Banana) . . . . .	. 10	25	2 00
Oreodoxa regia (Royal Palm)	8	10	1 00
Pandanus utilis (Screw Pine) . . . . .	. 15	25	1 25
Phoenix canariensis . . . . .	. 12	10	60
“ dactylifera (Date Palm) . . . . .	. 12	10	50
“ reclinata . . . . .	. 15	25	1 25
“ rupicola . . . . .	. 10	25	2 00
Seaforthia elegans	8	10	1 00
Thrinax argentea . . . . .	. 12	25	1 25

HARDY FLOWERING SEEDS.

For Autumn Sowing.

Many varieties of Flower Seeds, ANNUALS as well as BIENNIALS and PERENNIALS, may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerously than if sown in spring.

	Per pkt.	Per oz.
Adonis autumnalis. Very pretty scarlet annual	\$0 05	\$0 25
Ammobium alatum. White Everlasting, easily cultivated	05	25
Aquilegia. Double, mixed	05	40
Asperula setosa azurea. Sweet-scented light-blue annual	05	25
Brachycome iberidifolia. Purple annual; fine for edgings	05	1 00
Calandrinia umbellatum. Perennial for edging; purple flowering	10	1 00
Calendula officinalis, “Meteor” (Annual Pot Marigold). Very showy	05	25
“ “ “Prince of Orange.” Very fine	05	30
Calliopsis Drummondii. Showy yellow and brown annual	05	30
“ lanceolata. One of the best perennials for cutting; large yellow flowers	10	2 00
Campanula carpatica. Mixed	05	30
“ Medium Mixed (Canterbury Bells)	05	30
Candytuft. Mixed; sweet-scented annual; for beds and edging	05	25
Centranthus macrosiphon. Pretty red annual; for rockeries, etc.	05	30
Chrysanthemum. Mixed annual. Should be grown in masses to get the best effect	05	40
Clarkia. Mixed; useful for vases and hanging baskets	05	40
Collinsia bicolor. Purple and white, free-flowering annual	05	25
“ verna. Blue and purple	05	50
Collomia coccinea. Pretty scarlet and yellow annual	05	25
Convolvulus Minor. Hardy annual; fine for rockeries and hanging baskets	05	25
Corn-Flower. Very showy annual. Mixed	05	25
Delphinium formosum (Perennial Larkspur). Blue	10	1 00
“ cardiopetalum. Handsome blue annual	05	40
Erysimum Peroffskianum. Orange; showy and free-flowering annual	05	30
Eschscholtzia Californica. Yellow; free-blooming annual	05	40
Euphorbia variegata. Showy ornamental annual	05	30

HARDY FLOWERING SEEDS—Continued.

	Per pkt.	Per oz.
Flax. (<i>Linum rubrum</i> .) Fine free-flowering annual	\$0 05	\$0 20
Forget-Me-Not (<i>Myosotis alpestris</i>). Perennial blue trailer	10	80
Foxglove. Mixed; showy for backgrounds and among shrubs	05	30
Gaillardia <i>Lorenziana</i> . Desirable perennial for bouquets	05	50
Gaura <i>Lindheimeriana</i> . White and rose annual; easily cultivated	05	40
Gilia. Mixed; free-blooming annuals for beds or rockeries	05	20
Godetia. Mixed; profuse blooming hardy annual	05	30
Gypsophila <i>elegans</i> . White perennial, for bouquets; grows in any soil	05	30
" <i>paniculata</i> . White perennial, for bouquets; grows in any soil	05	40
Hawkweed, Red. Showy annual of free growth	05	40
Helichrysum <i>bracteatum</i> (Eternal Flower). Yellow; prized for winter bouquets	05	40
Hollyhock, Double White	10	1 25
" " Crimson	10	1 25
" " Magenta	10	1 25
" " Rosy Pink	10	1 50
" " Yellow	10	1 50
" " Mixed, all shades of color	10	1 00
Kaulfussia <i>amelloides</i> . Blue annual; fine for edgings	05	50
Larkspur, Dwarf Rocket. Free-flowering biennial, rich in color	05	30
" Mixed Hybrid Bee. Free-flowering perennial	05	40
Loasa <i>aurantiaca</i> . Beautiful annual; curiously-formed orange flowers	05	60
Lychnis <i>Haageana hybrida</i> . Hardy perennials; for border	10	1 00
Malope <i>grandiflora</i> . Mixed; very pretty red annual	05	20
Mignonette. Sweet-scented; the well-known "Frenchman's Darling"	05	15
Nemophila <i>insignis</i> . Pretty blue annual for edgings	05	20
Nierembergia <i>frutescens</i> . Perennial; handsome white and lilac flowers	10	75
Obeliscaria <i>pulcherrima</i> . Showy red and yellow perennial	05	35
Pinks, Chinese Double. Mixed colors	05	50
" Heddewig's. Mixed colors	05	1 00
Platycodon <i>grandiflorum</i> . Large blue bell-shaped flowers	10	60
Poppy, Double Carnation. Showy free-flowering annual	05	20
" <i>Pæony</i> -flowered mixed	05	20
" <i>Papaver bracteatum</i> . Rich scarlet	05	60
" The Shirley. Splendid colors	10	75
" Cardinal. Brilliant scarlet on white ground. (Novelty)	10	1 25
Primrose, Mixed Annual Evening. Fine for shrubby borders	05	40
Rocket. Sweet-scented white and purple perennial	05	20
Rose Champion. Free-blooming perennial	05	40
Scabiosa, Mixed (Mourning Bride). Showy annual	05	40
Snapdragon, Mixed. One of the finest border perennials	05	50
" Fine Dwarf Mixed. Perennial	05	50
Sweet Alyssum. Pretty white trailing annual	05	40
Sweet Peas. (See page 32.)		
Sweet Sultan. Blue; fragrant border annual	05	30
Sweet William. Hardy perennial; rich colors	05	25
Valeriana. Mixed; hardy sweet-scented biennial; fine for borders	05	30
Venidium <i>calendulaceum</i> . Orange; pretty annual	05	30
Venus' Looking Glass. Pretty blue annual; good for edgings	05	25
Violet. Sweet-scented	10	1 00
Virginian Stock (<i>Malcolmia</i>). Fine early-flowering annual	05	20
Whitlavia <i>grandiflora</i> . Pretty purple annual	05	40
Xeranthemum <i>anuum</i> . Purple Everlasting	05	50

CHOICE VEGETABLE SEEDS.

For Frames and Open Ground.

CABBAGE.

If ordered by mail, add 8 cents per lb. for postage.

	Per oz.	Per ¼ lb.	Per lb.
Early Jersey Wakefield. Fine strain	\$0 30	\$0 80	\$3 00
Improved Early Summer. Fine strain	30	80	3 00
Stein's Early Flat Dutch. A sure twelve pounder	30	80	3 00
Selected All-Seasons. On the style of Early Summer, but a little later, and has very hard, uniformly large heads	25	75	2 50
Market Gardener's Private Stock Flat Dutch. Largest of all the late sorts	35	1 00	3 50
Thorburn's New Stock Drum-head Savoy	40	1 25	4 00



THORBURN'S GILT-EDGE CAULIFLOWER.

CAULIFLOWER.

	Per oz.	Per ¼ lb.	Per lb.
Thorburn's Gilt Edge. The very best and surest of all, without any exception. Per pkt., 25 cts.	\$3 00	\$10 00	\$40 00
Extra Early Dwarf Erfurt.	per pkt., 50 cts.	6 00	
Large Early Erfurt.	per pkt., 25 cts.	3 00	10 00 40 00

LETTUCE.

	Per oz.	Per ¼ lb.	Per lb.
Thorburn's Cold-Frame White Cabbage	\$0 20	\$0 50	\$1 50
Large Boston. An improved, very large, solid head	25	75	2 50
Hubbard Market. A large white-cabbage variety	20	50	1 50
Mammoth Yellow Butter. New strain, extra fine	40	1 00	4 00
Thorburn's Market Gardener's Private Stock. Very large heads	30	85	3 00

MUSHROOM SPAWN.

	Per lb.
Best English. In bricks per 10 lbs.; \$1; per 100 lbs., \$9	\$0 12

ITALIAN AND OTHER ONION SEEDS FOR THE SOUTH.

	Per oz.	Per ¼ lb.	Per lb.
Adriatic Barletta. Very early white	\$0 30	\$0 85	\$3 00
White Garganus, or Silver King	35	1 25	4 00
Red Garganus, or Ruby King	25	75	2 50
White Bermuda	30	1 00	3 50
Red	25	75	2 50
Giant White Tripoli	30	85	3 00
White Maggiajola	25	75	2 50
Early White Queen	20	60	2 00
Prize Taker, or Yellow Spanish King	30	1 00	3 50
Giant Rocco, Brown	20	50	1 50
" " Yellow	25	75	2 50

RADISH.

	Per oz.	Per ¼ lb.	Per lb.
French Scarlet Turnip	\$0 10	\$0 20	\$0 60
" " For forcing	10	25	75
White-tipped Scarlet Turnip	15	30	1 00
" " For forcing	15	30	1 00
Earliest Roman Carmine	10	25	75
French Breakfast	10	25	75
Ne Plus Ultra. Very early bright red; round	15	30	1 00
Prussian. Scarlet, globe-shaped	15	30	1 00
Early White Turnip, or Box	10	25	75

SPINACH.

	Per oz.	Per ¼ lb.	Per lb.
Large Thick-Leaved Viroflay	\$0 10	\$0 15	\$0 40
" " Long Standing	10	15	40
Bloomsdale Savoy	10	15	40
Prickly	10	15	40

SWEET PEAS (LATHYRUS ODORATUS).

These exceedingly beautiful, fragrant and deservedly fashionable hardy annuals are too well known to need any description. Seed may be sown late in the autumn for flowering early next spring.

All 5 cents per packet.

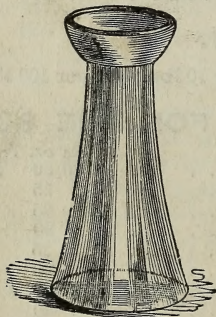
	Per oz.
Apple-Blossom. Bright pink and blush.	\$0 15
Boreatton. Bronze-crimson and purple.	15
Butterfly. White and lilac	15
Captain Clarke. Tricolor	15
Cardinal. Crimson-scarlet	15
Dark Red.	15
Fairy Queen. White and rose	20
Invincible Blue. Very fine	15
— Carmine	20
— Scarlet	15
Isa Eckford. Rosy pink, flushed carmine	15
Light Blue and Purple	15
Miss Blanche Ferry. Pink and white	15
Orange Prince. Bright orange pink	15
Princess Beatrice. Fine rose	25
Princess of Wales. White, blue striped	15
Queen of the Isles. Scarlet, mottled with white and purple	30
Splendor. Bright rose, flushed crimson	15
Vesuvius. Dark red, fine	15
Mixed	per lb., 75 cts. 10



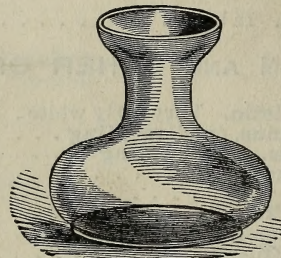
SWEET PEAS.

HYACINTH GLASSES.

	Each	Per doz.
Ordinary Shape—Green, Blue and Purple. Belgian make	\$0 15	\$1 50
“ “ Green, Blue, Amber and Crystal. American make	20	1 75
Tye's Style—Green, Blue and Purple. Belgian make	20	1 75



ORDINARY STYLE.



TYE'S STYLE.

GRASS SEED FOR AUTUMN SOWING.

These are the prices ruling at this date, and may vary from week to week, according to market.

	Per bus.
Red Top	(14 lbs. to bus.) \$1 00
Timothy (Fancy)	(45 lbs. to bus.) 2 75
Orchard Grass	(14 lbs. to bus.) 2 00
Kentucky Blue Grass. Extra clean; fancy	(14 lbs. to bus.) 1 75
Perennial Rye Grass	(26 lbs. to bus.) 2 00
Italian Rye Grass	(20 lbs. to bus.) 2 00
Mixed Lawn Grass (Central Park Mixture)	(15 lbs. to bus.) 3 50

Also, all other sorts.

We invite parties requiring grasses for permanent pastures to consult us, stating quality of soil and location. We shall recommend varieties that are sure to prove satisfactory.

WE PUBLISH DURING THE YEAR:

Catalogue of VEGETABLE, AGRICULTURAL, TREE and FLOWER SEEDS; ready in January.

Catalogue of above for MARKET GARDENERS; ready in January.

Catalogue of FRENCH HYBRID GLADIOLUS, and other spring bulbs; ready in February.

Catalogue of DUTCH BULBOUS ROOTS (this Catalogue), with direction for their management; ready in August.